

U.S.S.N. 09/360,242
McDONALD *et al.*
RESPONSE

E1 90. (New) The method of claim 40, wherein the chemokine receptor targeting agent is selected from the group consisting of IL-8, GCP-2, GRO- α , GRO- β , GRP- γ , ENA-78, PBP, CTAP III, NAP-2, LAPF-4, MIG, PF4, IP-10, SDF-1 α , SDF-1 β , SDF-2, MCP-1, MCP-2, MCP-3, MCP-4, MCP-5, MIP-1 α , MIP-1 β , MIP-1 γ , MIP-2, MIP-2 α , MIP-3 α , MIP-3 β , MIP-4, MIP-5, MDC, HCC-1, LD78 β , eotaxin-1, eotaxin-2, I-309, SCYA17, TARC, RANTES, DC-CK-1, lymphotactin, and fractalkine.

91. (New) The method of claim 86, wherein the chemokine is selected from the group consisting of IL-8, GCP-2, GRO- α , GRO- β , GRP- γ , ENA-78, PBP, CTAP III, NAP-2, LAPF-4, MIG, PF4, IP-10, SDF-1 α , SDF-1 β , SDF-2, MCP-1, MCP-2, MCP-3, MCP-4, MCP-5, MIP-1 α , MIP-1 β , MIP-1 γ , MIP-2, MIP-2 α , MIP-3 α , MIP-3 β , MIP-4, MIP-5, MDC, HCC-1, LD78 β , eotaxin-1, eotaxin-2, I-309, SCYA17, TARC, RANTES, DC-CK-1, lymphotactin, and fractalkine.

Please replace claims 35 and 81 with amended claims 35 and 81 as follows:

35. (Amended) A method of targeted delivery of an agent into cells that express chemokine receptors, comprising associating the agent with a chemokine receptor targeting agent, whereby:

E2 the chemokine receptor targeting agent binds to a chemokine receptor expressed on the cells; and

the agent is internalized by the cells.

E3 81. (Amended) The method of claim 35, wherein the chemokine is selected from the group consisting of IL-8, GCP-2, GRO- α , GRO- β , GRP- γ , ENA-78, PBP, CTAP III, NAP-2, LAPF-4, MIG, PF4, IP-10, SDF-1 α , SDF-1 β , SDF-2, MCP-1, MCP-2, MCP-3, MCP-4, MCP-5, MIP-1 α , MIP-1 β , MIP-1 γ , MIP-2, MIP-2 α , MIP-3 α , MIP-3 β , MIP-4, MIP-5, MDC, HCC-1, LD78 β , eotaxin-1, eotaxin-2, I-309, SCYA17, TARC, RANTES, DC-CK-1, lymphotactin, and fractalkine.